



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Form PTO-1449 are enclosed).

C2 Eisenberg, *et al.*, "Biosynthesis of Biotin and Lipoic Acid." in Escherichia Coli and Salmonella Typhimurium, Vol. 1, F.C. Neidhardt, *et al.*, Eds., pp. 544-550 (1987).

C3 Izumi, *et al.*, "7,8-Diaminopelargonic Acid Aminotransferase, an Enzyme Involved in Biotin Biosynthesis by Microorganisms," Agr. Biol. Chem., 39(1), pp. 175-181 (1975).

C4 Sakurai, *et al.*, "Construction of a Biotin-Overproducing Strain of *Serratia marcescens*," Applied and Environmental Microbiology, Vol. 59, No. 9, pp. 2857-2863 (1993).

Figure 1. (a) Schematic diagram of the experimental setup. (b) Photograph of the experimental setup. (c) Photograph of the experimental setup. (d) Photograph of the experimental setup.

Applicants request that these documents be considered by the Examiner before issuance of the next action and made of record in this file. The Examiner is also asked to initial and return a copy of the enclosed PTO-1449 form to evidence such consideration.

This Information Disclosure Statement is being filed in accordance with the following provisions:

Applicants hereby petition the Commission of Patents and Trademarks to consider this Supplemental Information Disclosure Statement.


[x] This Information Disclosure Statement is accompanied by the \$240.00 fee set forth in 37 CFR § 1.17(p).

[x] 37 CFR § 1.97(e)(2). Upon information and belief, no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the undersigned after making reasonable inquiry, that no item of information in this information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of this statement.

If our check is missing or otherwise insufficient, or if a check has not been submitted but it is determined that a fee is required as set forth in 37 CFR § 1.17(p) or 1.17(i)(1).


or if any additional fees are required, please charge such fee (or credit any overpayment) to
Deposit Account No. 02-4467. A duplicate copy of this document is enclosed.

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deposited with the United States Postal Service as first
class mail in an envelope addressed to the Assistant
Commissioner for Patents, Washington, D.C. 20231,
on August 8, 2000.



Kevin C. Hooper

Respectfully submitted,

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